



100 Years Bexar Wire

San Antonio Radio Club
W5SC



2019 No. 7

July 2019

Field Day 2019



June in the San Antonio Radio Club (SARC) is always about ARRL's Field Day that is always held on the fourth full weekend of June. The major topic at the general membership meeting was on the filed coordination briefing for Field Day (see the viewgraphs starting on page 10, which are being included for members that missed Field Day 2019 and want to more about the plan for it.)

iPhone/Computer Security 201

Our next club meeting will be at 7:00 p. m. (1900) on Thursday, July 11, 2019, at **Chester's Hamburgers, 16609 San Pedro Avenue (US281)., San Antonio, TX 78232**. The program will be iPhone/Computer Security 201 by Paul Guido, N5IUT.



Joe Bruno, W5AUQ, Chairperson, Field Day Committee presenting his final Field Day 2019 briefing on the plan to members at the meeting on June 13, 2019

The meeting on June 13, 2019 at Chester's Hamburgers, 16609 San Pedro Avenue (US281)., San Antonio, TX 78232, was started, like other meetings by Rosendo Guzman, N5YBG, President, SARC, started the meeting at 7:00 p. m. He then turned it over the Mike KB5KST, who then introduced the program presenter for the meeting. Joe Bruno, W5AUQ, Chairperson, Field Day Committee who then conducted the final coordination briefing for Field Day 2019 using a PowerPoint presentation. Richard Elder, WB5ACN, and Tom O'Brien, AB5XZ, also offered some tips for Field Day. Tom, AB5XZ, strongly suggested miscellaneous cables and parts be labelled as to owner (Continued on Page 4)

SAN ANTONIO RADIO CLUB PRESIDENT'S RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
7	R		N5BYG		San Antonio, TX		July
TO W5SC							

Friday June 21st was the first day of Summer and we felt it while preparing for Field Day 2019. Just want to say it was a great turn out, met with some new operators and met with some old friends.

It is an everyday practice in amateur radio maintains our level of emergency preparedness, and Field Day especially helps readiness for the REALLY bad times. In addition to some thunderstorms developing in our area and a slight risk of storms, all we got was some wind.

If you missed the opportunity and would like to operate. We have some good news, mark your calendar August 10th, 2019 at SAMSAT. We will be transmitting with our special event station.

I also would like to invite everyone to JOTA-JOTI 2019. John Douglas – W5NZK with the JOTA Committee, made it possible for SARC to participate at McGimsey Scout Park. JOTA-JOTI 2019 is 18, 19, and 20 October.

Thank you, Everyone, Great Teamwork.



Special Event Station W5SC/100

Rosendo M. Guzman, Jr.

N5YBG

Bexar Wire

Published monthly by:



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President
San Antonio Radio Club

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The due date for articles is the **Monday** before the first **Thursday** of the month.

2019, No. 7 Bexar Wire July 2019

San Antonio Radio Club
Meeting Minutes
June 13, 2019

Rosendo M Guzman, N5YBG President, called the meeting to order at 7:00 p. m. at Chester's 16609 San Pedro Ave. San Antonio, TX 78232.

Rosendo M Guzman, N5YBG, then introduced himself as Rosendo N5YBG and then in accordance with SARC custom asked everyone else to introduce themselves, where 30 members present at meeting.

Mike Harrison Vice President (KB5KST) introduced Joe Bruno (W5AUQ). Joe Bruno did a Field Day power point presentation.

Mike Harrison Future Program in July 11, 2019 will be on iPhone/Computer Security 201 by Paul Guido N5IUT

Secretary minutes from May 9th sent to webmaster to be uploaded, on June 11, 2019 minutes were sent to Harold Fleischer AE5AS.

Treasure Jeff Boyes Nothing to report. Correction - out \$70.00 for Coker United Methodist Church meeting get money back for Mike Harrison.

Newsletter Editor Harold Fleischer AE5AS – Newsletter went out special event at SAMSAT. Extra addition for Field Day 2019 with times and locations. Still waiting on next month features.

Web master Bill Craft KD2HIQ, Lot of changes, lot of campaigns. Sent out Ham-com field day work. Twitter meeting location changes and field day prep. Facebook statistics post reach 219, website statistics 484 sessions, new vs. returning 69% new and 31% returning, and device breakdown Desktop 59%, tablet 10% and mobile 31%.

Board meeting of the board after this meeting.

Education and training David Finell N7LRY NSISD will allow using buildings, will need background checks to gain access for buildings.

Finance and review; no report

JOTA- John Douglas W5NZK did site visit for McGimsey scout park. Reserved 3 days for JOTA. Setup for JOTA is Friday Oct 18th from 6:00pm to 10:00pm. Saturday Oct 19th from 9:30am to 10:00pm and Sunday Oct 20th 9:30am to 12:00pm. Participants can camp overnight Friday and Saturday. Need to take youth protection training to stay overnight for club members (talk more when it gets closer)

Radio fiesta- no report

VE Team, Pat Knight AD5BR next session will be June 22nd at 10:00am (field day) at great northwest library. The general exam question pool will change July 1st, 2019 this will be our last session with our "old" general exam questions.

Centennial Commemoration (temporary)- Tom O'Brien, AB5XZ – Operated W5SC/100 for approx. 6 hours on May 11, did not bring Yagi with trailer due to weather. Worked about 35 contacts, including Hawaii, Canada, and Venezuela. Two more special event coming up, one in August 10, 2019 and other in November 9, 2019 at SAMSAT. Centennial store open after meeting.

President Rosendo Guzman N5YBG

Drop off letter for Mayor at Shavano Park City Hall with Zina Tedford City Secretary. Also email press release on June 10, to 37 local media resources. Posted on Twitter and ARRL Facebook.

No old business and no new business

Announcements

Richard E. Had flashlight from dollar tree, also a work battery.

Mario K5NKK has the following items for sale Icom 5100A for \$290.00 and a new Zumspot for \$200.00

Rosendo Guzman N5YBG
President

Field Day 2019

(Continued from Page 1)



Joe Bruno, W5AUQ, receiving a Program Certificate of Appreciation from Mike Harrison, KB5KST, Vice President and Program Chairperson for his Field Day 2019 briefing



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, leading the meeting on June 13, 2019

and kept in a labelled box. One of the last things that Joe W5AUQ did was solicit help for a RF Cable check party and staging/marketing work detail for the next day. Several members promised to be there. After the presentation. Mike KB5KST presented a Program Certificate of Appreciation to Joe W5AUQ.

After that, the major highlights for the meeting were three in number. First, Rosendo N5YBG reported for John Douglas, W5NZK, Chairperson, JOTA Committee,

about JOTA 2019 plans. Jon W5NZK has reached agreement to use a pavilion with commercial AC for JOTA at the McGimsey Scout Park on Oct 18-20, 2019 (Fri-Sun) at no cost to SARC. (Editor's Note: SARC had used McGimsey Scout Park for JOTA for free up through 2015. SARC moved to the Texas Transportation Museum (TTM) who offered SARC free use of a pavilion at their location. TTM's support until the BSA Council changed their policy was outstanding and is appreciated.)

The second item of note was the Special Event for the Centennial Commemoration at the San Antonio Museum of Science and Technology (SAMSAT) on May 11, 2019. Tom O'Brien, AB5XZ, Chairperson, Centennial Commemoration Committee, reported that the plan to move the beam antenna on its trailer was dropped at the last moment due to rain. The R5 vertical antenna was used instead and resulted in 35 contacts ranging as far as Hawaii, Canada, and Venezuela. He highlighted that two more Special Events at SAMSAT are planned for August 10, 2019 and November 9, 2019.



View of the General Membership Meeting on June 13, 2019 from the front door to the back



View of the General Membership Meeting on June 13, 2019 from the front door to the right

The third item was the announcement of a meeting of the Board of Directors to address the budget problem of paying for a meeting location although free use of Chester's is possible if members buy \$175 of food at a meeting. (Editor's Note: This objective was met and exceeded at the June 13, 2019 meeting such that Chester's did not require a deposit for the July 11, 2019 meeting. The June 13, 2019 did have about 40 members in attendance.)

While that concluded the meeting, it does not spell the end of the Field Day 2019 story.

The next major element of the Field Day story was the work detail on Friday, June 14, 2019. Joe Bruno, W5AUQ, led a group of members in inspecting all RF cables, repairing a few, and marking all that was going to Field Day. In addition to that, other equipment going to Field Day was also marked and staged for loading to go to Field Day. Joe W5AUQ also reached a decision on generators. He was substituting one of his for a SARC generator that needs repair or replacement after Field Day. This problem was found during regular checks of the generators.

Field Day 2019 started at 3:00 p. m. on Friday, June 21, 2019, at the Schertz Storage location for Field Day equipment. The plan for the day was to load and transport the tent, tables, rope and stakes, and marking flags so as to be at the City of Shavano Park by 4:30 p. m., which was the start time at



Load out ready to depart from the Schertz Storage location for Shavano Park with Rich Roudebush, N5DCA, Mark Love, AG5TP, and Richard Elder, WB5ACN waiting for the direction to leave

that location for erecting the tent. Joe Bruno, W5AUQ, Mario Davila, KG5YJP, Richard Elder, WB5ACN, Harold Fleischer, AE5AS, and Rich Roudebush, N4DCA were all there by 3:00 p. m. Mark Love, AG5TP, joined the group at 3:30 p. m. The tent and other equipment were on site by 4:30 p. m. A total of 12 people had gathered to erect the tent. Richard WB5ACN had supervised its erection in the past and did so again. The tent's erection was helped by the presence of several members who had helped set it up before and just needed a cobweb sweeping in order to get with the program. By 6:30 p. m., the tent was up and weighed down by the six sand buckets and eight tables. Although it was quite hot and the cold water brought by Lloyd Swartz KF5ZHW was much appreciated, the wind was quite



The SARC Tent Erection Crew hard at work at 4:40 p. m. at Shavano Park on June 21, 2019



The tent with the Centennial Commemoration Banner in front of it is operational late on Saturday, June 22, 2019



The beam antenna on the trailer is in place, but not in use because of high SWR on 15M and 20M on Saturday, June 22, 2019



The completed site including member Jon April, K15CSK, canopy for his radio

gusty such that the weighing down of the tent was very necessary. Joe W5AUQ walked the field with Lloyd KF5ZHW, who had brought orange marker flags, to mark the 25' safety line around the tent and antenna locations per the Antenna and Cable Plan and the Site Plan. This concluded the Friday activities and members left at 7:15 p. m.

Saturday, June 22, 2019, started at 8:00 a. m. at the Schertz Storage location for Field Day equipment. The plan for the day was to load and transport the beam antenna, generator, RF cables, SARC radios, SARC logging computers, chairs, and other equipment in the loading plan and move it to the City of Shavano Park by 8:30 a. m., which was the start time at that location for setting up field day equipment, both SARC and personal. Joe Bruno, W5AUQ, Jack Bannin, N5JLB, Bill Craft, KD2HIQ, Richard Elder WB5ACN, Harold Fleischer, AE5AS, Rosendo Guzman, N5YBG, and Rich Roudebush, N4DCA were all there by 8:00 a. m. All equipment was loaded, and the team left at 9:05 a. m. for Shavano Park. In the meantime, several members proceeded directly to Shavano Park. Lloyd Swartz, KF5ZHW, was one of these. He squared away the tent, set up lights inside the tent, laid out power cords, and generally got things ready for when the rest of the equipment from storage arrived.

By 9:30 a. m., the Schertz Storage equipment load out team was at Shavano Park with all equipment. Using the work plan put together by Joe W5AUQ, approximately 20-25 people started setting up the beam antenna, SARC antennas, personal antennas, logging computers, generators, and lastly radios. Richard WB4ACN took the lead on setting up the beam antenna although the SWR on the 15M and 20M bands meant only the 10M was useable. Rich N4DCA got all the generators running and connected to the tent with the priority being to the computer powering generators. He would go on the change them out and re-fuel them throughout Field Day 2019. The patch panel was set up with the newly isolated bulkhead SO239 connectors, but it still gave problems. Investigation as to why will be needed before next year. RF cables



Mayor Bob Werner of Shavano Park, a supporter of SARC, came to visit Saturday afternoon of Field Day 2019



Mayor Bob Werner of Shavano Park, and Rosendo Guzman, N5YBG, President, San Antonio Radio Club talking Saturday afternoon during Field Day 2019



Saturday afternoon during operations at Field Day 2019



Joe Bruno, W5AUQ, (L) and Rosendo Guzman, N5YBG, (R) with visiting Troy R. Hoopes, KF5VLH, on Saturday afternoon at Field Day 2019

were run to each table in the tent and to the SARC owned antennas. Members also helped each other run RF cable to personal antennas as well as help put up those antennas. About noon, Joe W5AUQ allowed radios to be placed in the tent, which was an hour before the official on-air start time. Radios went up and contacts were attempted all afternoon, but propagation was poor, and contacts were few.

Mayor Bob Werner of the City of Shavano Park came by Saturday afternoon and talked with Rosendo Guzman, N5YBG, SARC President, who had sent him a letter inviting him and all of Shavano Park to come visit. Mayor Werner also talked to several other members. He has been a consistent supporter of amateur radio and SARC.

A representative of Spectrum News armed with a video camera came out. This was a result of Rosendo N5YBG's press release program to news outlets. She interviewed Rosendo N5YBG and several other members. The end result was a news report broadcasted by Spectrum News and posted online.

Lloyd KF5ZHW always kept the members hydrated with copious amounts of water being on hand. He also set up the 6:00 p. m. BBQ supper that pulled people out of the woodwork to eat. A great many members had worked or participated in some manner all day. It was an overall larger group than last year. Lloyd KF5ZHW had enough for everyone with a little of some items left over.

Once supper was over, the focus shifted back to radio operations. Propagation was changing as sunset approached and would get better when the sun did set. More and more contacts started being made. One member contacted North Carolina, Ohio, Los Angeles, Long Island, Vermont, and West Washington State. This is illustrative of the increasing number of contacts being made all over the map.

As the night wore on the number of members on hand dwindled until only the Iron Radio Operators (all night operators) were



Jack Bannin, N5JLB, showed up with antennas and radios and he was fitted into the operation



Rosendo Guzman, N5YBG, operating is almost brand new Yaesu FT-991A Transceiver at Field Day 2019 Saturday afternoon



A guest operator – SARC wanted to put everyone on the air at Field Day 2019



Joe Bruno, W5AUQ, (back to camera) and Brian Clark, WB5DRI, working out a problem on Saturday afternoon at Field Day 2019

left. (Rosendo N5YBG should be announcing those at the July 11, 2019 meeting,) Between those staying late, those staying all night, and those returning early the next day, the number of contacts constantly rose throughout the night and into the next morning.

As the sun rose in the sky, the number of returning members increased at Shavano Park. Breakfast tacos were consumed. Returning members went to the radios to operate or started taking down unused antennas and facilities. A quirk was the beam antenna rattled and rolled enough in the wind overnight that the 20M SWR dropped to acceptable levels. AT 9:40 a. m. radio operations stopped at propagation dropped off. Full out teardown commenced. Eleven members and a spouse participated in the tear down. As planned teardown was done in the reverse order of setup. While it was hot, it was not as bad as last year when SARC went on a work 10 minutes and rest 10 minutes cycle. SARC left Shavano Park at 11:52 a. m. By 12:20 p. m., the equipment and unloading team was back at the Schertz Storage site. Joe Bruno, W5AUQ, Jon April, KI5CSK, Bill Craft, KD2HIQ, Richard Elder, WB5ACN, Harold Fleischer, AE5AS, Paul Guido, N5IUT, Rosendo Guzman, N5YBG, and Rich Roudebush, N4DCA, did the unloading at Schertz. Everything was put away in its designated place and in a sequence that prevented obstacles to putting things away. By 1:25 p. m., everyone was on their way out.

Some points learned or re-learned:

- The overall Time Schedule is sound.
- Loading plan is basically sound.
- General plan for moving equipment to and from Shavano Park is sound.
- Site plan and Tent plan is basically sound.
- Antenna and Cable Plan is sound.
- Professed willingness to add late comers and their equipment was redeemed.
- A computer generator needs repair or replacement. The soundness of periodic generator runs was confirmed.
- The beam antenna needs repair.



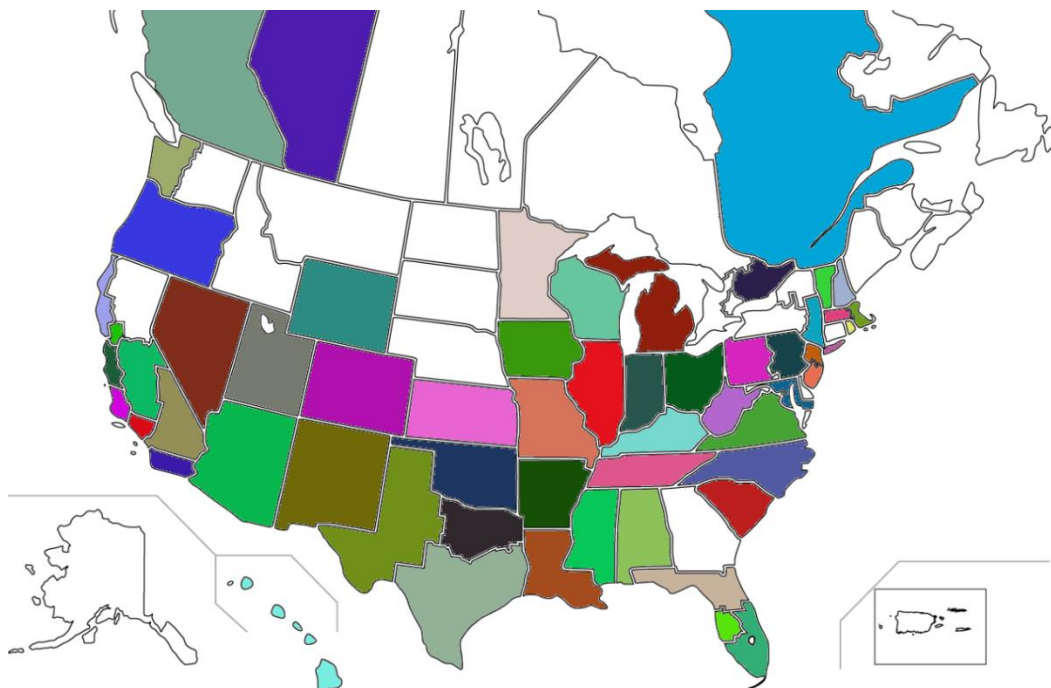
Lloyd Swartz, KF5ZHW, the host for the BBQ supper finally gets a chance to eat Saturday evening at Field Day 2019



The San Antonio Radio Club is now into Saturday night operations with a shrinking crew who is getting more and more contacts

- The Patch Panel needs to be checked. Maybe Quick Release connectors need to be eliminated.
- The Saturday night BBQ supper again proved to be a perennial favorite

Altogether, SARC made 126 contacts (105 phone and 21 digital). SARC had contacts on 2, 6, 15, 20, 40, and 80M. The way the contest works is that we get double points for the digital and a multiplier for being on emergency power. Beyond that, Rosendo Guzman, N5YBG, earned more points for SARC by having an information table, inviting the Mayor of Shavano Park, making press releases, and working with Bill Craft, KD2HIQ, for media activity such as Facebook and Twitter posts. These activities help SARC, ARRL, and the larger ham community to get the message out about amateur radio. When the sub-optimal propagation is considered, SARC did pretty well on the contest objective, which was its last priority. SARC did well on all other objectives starting with have fun and learn.



Map from the N3FPJ Field Day Logging program showing that the San Antonio Radio Club covered a large part of the lower 48 states and Hawaii during Field Day 2019

Field Day 2019 Briefing Slides

These are the slides that Joe Bruno, W5AUQ, used during his presentation at the June 13, 2019 meeting to brief the Field Day 2019 plans. Full sized versions of these slides are available from the editor.




Field Day

2019

June 21-23, 2019

Joe Bruno
W5AUQ

7/7/2019 Field Day 2019 1




Objectives

1. Have Fun
2. Eat Well
3. Be Safe
4. Operate Radios
5. Learn & Experience
6. ARRL Contest

7/7/2019 Field Day 2019 2




Have Fun

- Participate as you want
- All set up, operating, and tear down periods
- Some set up periods
- Some part of operating period
- Some part of tear down period
- Your mix of set up, operating, and tear down periods
- Bring equipment
 - Radios
 - Antennas
 - Cables
 - Whatever mix you want
- Just bring yourself and maybe family and friends

There is no right or wrong way to participate – just your way!

7/7/2019 Field Day 2019 3




Eat Well

- SARC will have Rudy's BBQ for supper on Saturday at about 6 p. m.
 - At least participate in this supper.
 - Family and friends welcome!
 - We invite Shavano Park Police and Fire over
- Several people bring breakfast tacos in on Sunday morning
- Bring a coffee pot and we can plug it in
- We will have bottled water on ice. Drink all that you want. We will restock as needed.

7/7/2019 Field Day 2019 4




Be Safe

Nothing that we are doing is so important that we can not take time to do it safely.

- Stay hydrated – drink water.
- Sun tan lotion and sun glasses.
- Look for trip hazards
 - Cables, guy ropes, stakes, uneven ground, etc.
 - There are simply too many to mark
 - Have a flashlight for after dark
- Patch Panel lets us drag away antenna feeds in case of lightning
- Contractor generators address grounding issues
- Drive slowly in the area

7/7/2019 Field Day 2019 5




Operate Radios

- Yes, we have a site plan, a radio plan, and an antenna plan.
- These are intended to get us off the ground.
- They include SARC and personal equipment where members have volunteered it in advance.
- It is not exclusionary.
- You need not commit in advance – just show up with what equipment you want. We will add you in.
- We will share equipment between all members and visitors – we want everyone to get on the air.

7/7/2019 Field Day 2019 6



Learn & Experience

- Set up and tear down can be a learning experience
- Tent, generators, antennas, radios, etc.
- We will have various VHF, UHF, and HF radios
- Some similarities, some differences
- We will have various antennas
 - 10M/15M/20M Beam Antenna
 - Multi-band OCF Dipoles
 - Loop and Vertical VHF/UHF antennas
 - Where can you get with each?
- At least voice mode

7/7/2019

Field Day 2019

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ARRL Contest

- SARC Policy is to never let the ARRL Contest part interfere with our other objectives
- Mostly we just record what we do in the course of accomplishing our other objectives and then report it
- Typically, we fall near the middle of our class which is 4A
 - 4 HF Stations operating on emergency power
 - VHF/UHF Station is an add on
 - GOTA Station is an add on

7/7/2019

Field Day 2019

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Site Plan



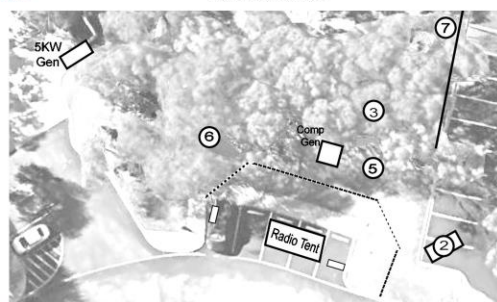
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Field Day 2019

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Tent Area



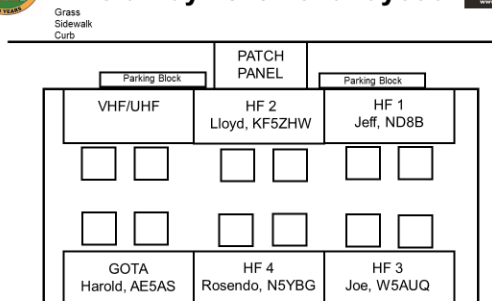
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Field Day 2019

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Field Day 2019 Tent Layout



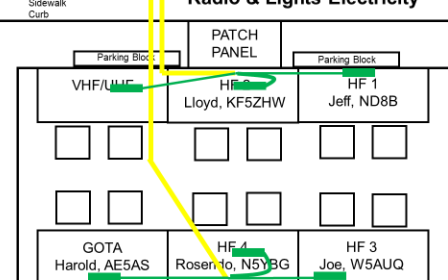
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Field Day 2019

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Field Day 2019 Tent Layout Radio & Lights Electricity

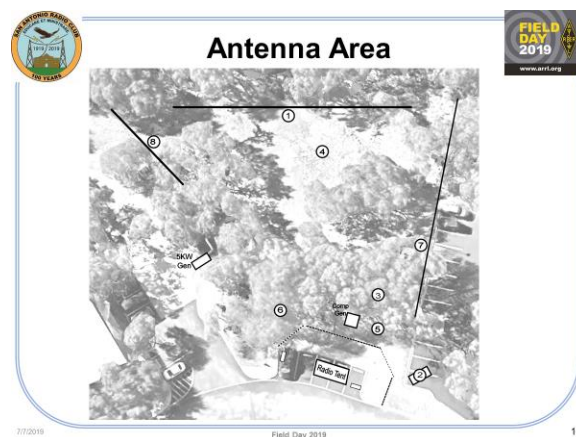
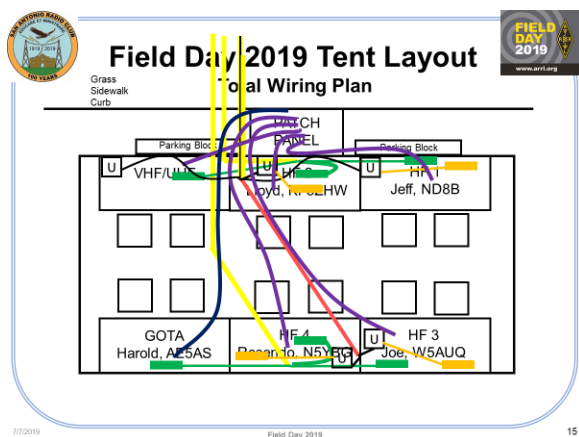
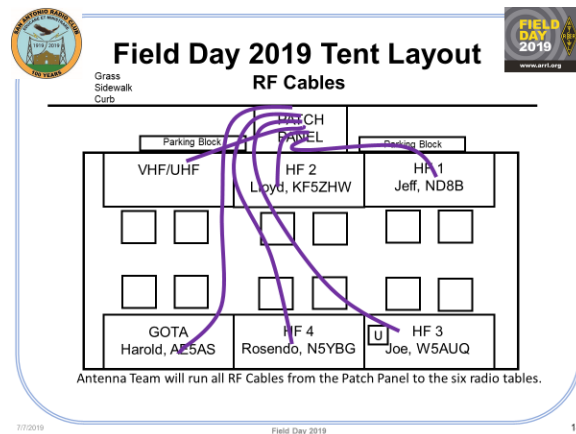
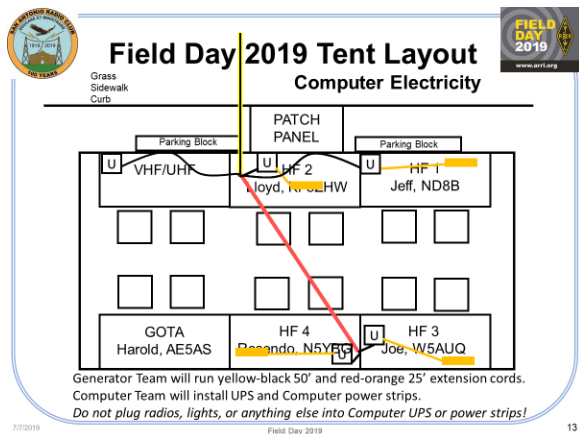


Generator Team will run yellow 100' radio and light extension cords.
SARC will provide green power strips.
Power strips should have min. 6 outlets to power radios and lights.

7/7/2019

Field Day 2019

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The Schedule

Friday, June 21, 2019
3:00 p. m. : Meet at 10660 W FM 78 Schertz to pull selected equipment out of storage
4:30 pm: Meet at Shavano Park City Hall to set up radio operations tent and flag antenna locations
Saturday, June 22, 2019
8:00 am: Meet at 10660 W FM 78 Schertz to pull trailer, generators, and tower equipment out of storage
9:30 am: Set up antennas, emergency generators, computers, and radios at Shavano Park
1:00 p. m: Start Radio Operations
6:00 pm: Grady's BBQ Supper

Sunday, June 23, 2019
8:00 am: Breakfast Tacos
Late Morning: Start Tear Down of equipment no longer being used
12:00 pm: Leave Shavano Park for 10660 W FM 78 Schertz, TX
About 1:00 pm: Arrive at storage site.
About 2:00 pm: All equipment secure.

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Load Lists Friday

Joe Bruno W5AUQ van with trailer hitch:
Inside
2 x Tent Pole Bundles
2 x Tent Tubs
8 x 6' Tables
6 x 5-gallon Buckets of Sand
Harold Fleischer AE5AS Taurus
SARC Ice Chest
Rich Roudebush
Rope and Stake Tub (Keep Over Night)

The Sunday Loading List is the same as Friday + Saturday – just drive different direction.

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Load Lists Saturday



Joe Bruno W5AUQ van with trailer hitch:
Outside Trailer
Trailer w 2 x Jacks and 3 x Blocks
Beam Antenna w Tower
1 x VHF/UHF MFJ-1522 Vert Ant
3 x Pipe Poles
4' pole section with 40M/80M top
2 x 5KW Gen, 2 x Computer Gen
Antenna Rotor Orange Box
3 x gen dollies, 4 x gen blocks
Power Trans & Cable
4 x Elect Ext Cords
5 x Fire Extinguishers & 2 x Signs
Coax Cable
4 x Yellow Work Lights
4 x Tie Down Straps
6' Step Ladder

Harold Fleischer AE5AS Taurus
All SARC Radios going to Field Day
40M, 80M, & R7 Orange Boxes
Antenna Parts Orange Box
Rosendo Guzman N5YBG in pickup with
trailer hitch (back-up prime mover for trailer):
16 Chairs
Jeff Boyes ND8B
All Computer Equipment
Rich Roudebush
Rope and Stake Tub
2 x 5 Gallon gas cans
2 x Kitchen Tubs & Trash Bags
Power Panel and FilterTub & Table

The Sunday Loading List is the same
as Friday + Saturday – just drive
different direction.

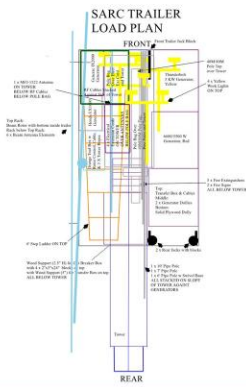
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Field Day 2019

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Trailer Load Plan



7/7/2019

Field Day 2019

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Friday Work Plan



Pick Up Selected
Equipment at Storage
Site and Move to
Shavano Park

Bring Iced
Bottled
Water

Set Up Tent
And
Weigh Down
With Tables

Flag 25' Line
And
Flag Antenna
Locations

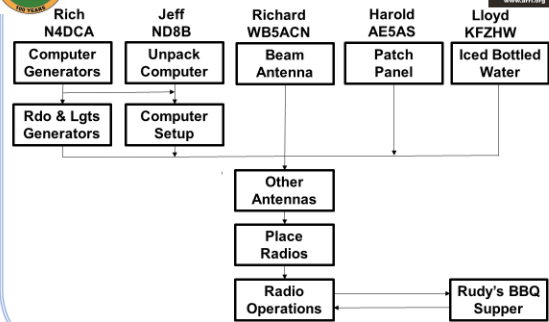
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Field Day 2019

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Saturday Work Plan



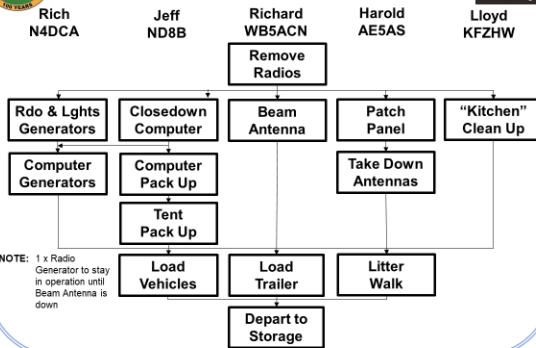
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Field Day 2019

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Sunday Work Plan



NOTE: 1 x Radio
Generator to stay
in operation until
Beam Antenna is
down

7/7/2019

Field Day 2019

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Antenna and Cable Plan



SARC Field Day 2019		Antenna and Cable Plan		As of June 1, 2019				
Ref No	Antenna	Pole	SW	Hor	Vert	Tot	Cables	Owner
1	OCF Dipole Joe W5AUQ	Poles Joe W5AUQ	9	164	30	205200'	Coax 15	Joe W5AUQ
2	10M/15M/20M Beam	Tri Tower	9	60	30	99129'	Coax 15	SARC
3	VHF Loop Joe W5AUQ		9	57	23	89100'	Coax 15	Joe W5AUQ
4	20M Dipole Harold AE5AS	Tripod Mount Harold AE5AS	9	118	33	160200'	Coax 4	Harold AE5AS
5	VHF/UHF MFJ-1522	SARC Pipe Poles 2' & 2' M RF Antenna Swivel Pole	9	30	20	5987'	Coax 4	SARC
6	K2M-14C Beam Rosendo N5YBG	20' Pole Rosendo N5YBG	9	65	20	94100'	Coax 4	Rosendo N5YBG
7	OCF Dipole Rosendo N5YBG	Poles Rosendo N5YBG	9	96	30	135400'	Coax 15	Rosendo N5YBG
8	OCF Dipole Lloyd KF5JHW	Poles Lloyd KF5JHW	9	170	18	187200'	Coax 15	Lloyd KF5JHW
HF1	NA - Patch Panel	NA	0	15	0	157'	Coax 13	SARC
HF2	NA - Patch Panel	NA	0	10	0	1014'	Coax 12	SARC
HF3	NA - Patch Panel	NA	0	35	0	3559'	Coax 11	SARC
HF4	NA - Patch Panel	NA	0	25	0	2541'	Coax 7	SARC
VHF/UHF	NA - Patch Panel	NA	0	15	0	1518'	Coax 2	SARC
GOTA	NA - Patch Panel	NA	0	35	0	3559'	Coax 6	SARC
NA - Reserve	NA	NA	0	0	0	0100'	Coax 3	SARC
NA - Reserve	NA	NA	0	0	0	0811'	Coax 5	SARC
NA - Reserve	NA	NA	0	0	0	0807'	Coax 6	SARC
NA - Reserve	NA	NA	0	0	0	0811'	Coax 9	SARC
NA - Reserve	NA	NA	0	0	0	0165'	Coax 10	SARC

7/7/2019

Field Day 2019

24

25

2

27

2

29

3

1. Have Fun
2. Eat Well
3. Be Safe
4. Operate Radios
5. Learn & Experience
6. ARRL Contest



100 Years

Centennial Commemoration

Editor's Note: The Secretary two or three years ago, Eric Harris, KG5SZV, digitized a number of records on hand and established a digital archive. In this digital archive is a document dated May 1979, 40 years ago, that was a report on the archives as they existed at that time. A part of that report is entitled *History of the San Antonio Radio Club*. The report is presented in its original Courier type face.

HISTORY OF THE SAN ANTONIO RADIO CLUB

Amateur radio began around the turn of the century. Early hams were experimenters who were trying out new developments in electronic communication. Their experiments caused much interference to each other and to early commercial and government stations. Because of this, governments all over the world stepped in to set up rules and regulations to control the amateurs and also to allocate certain frequencies for them to use.

In the early days of ham radio, signals could not be transmitted for great distances, so messages often had to be relayed from one station to another. To coordinate this activity, the American Radio Relay League was established in 1914.

Shortly thereafter, World War I began and ham radio was suspended. The government needed the frequencies for the war effort. When the war was over, the government was reluctant to return the frequencies to the amateurs. The A.R.R.L. interceded, and was successful in re-establishing amateur radio on October 1, 1919.

It was at this same time—October, 1919—that the San Antonio Radio Club was organized.

At the beginning, the group of hams was small. They met twice a month at the old YMCA building in downtown San Antonio. This was located where the Express Publishing Company is now. Some of the hams were older men and some were boys in high school. There were no women. The older hams

were the officers of the club. The boys who attended Main Avenue High School would meet every day on their lunch hour on the back steps of the library building to talk about ham radio.

A short time after the club's organization, the members decided to change the club's name to the Bexar County Radio Association. This was done in order to make it a broader organization. It held this name for a number of years. Sometime between 1927 and 1929, it was decided that the name change had not accomplished what they had hoped, so the name was changed back to the San Antonio Radio Club.

In the early 1930's, the club met at the St. Anthony Hotel. In the late 30's and early 40's it met at the Blue Bonnet Hotel.

During World War II, ham activity was again suspended, but the hams continued to meet. An organization called WERS (War Emergency Radio Service) was formed by the government, and most of the San Antonio hams took part in it.

After the war ended, the membership of the club increased dramatically. In 1942 there had been 61 members, but by 1946 there were 150. There was a close relationship between the hams and the police department of the city because the hams built much of the police radio equipment. Because of this, the police department provided a place for the hams to hold their meetings a large room on the third floor of the Detective Headquarters Building. They met there from 1946 to 1951.

Membership gradually declined over these years, reaching its lowest ebb in 1952 with only 32 members. From 1952-1954 the meetings were held in the Oriental Room of the Gunter Hotel. As membership gradually increased, meeting place changed. The club met at the Woodlawn Lake Recreation Center (1956), the Library Building at Woodlawn Lake (1957], and the Gunter Hotel (1958).

In the 1960's, the club met at Durham's Business College at 105 San Pedro. At the present time, they are meeting at the Red Cross Building on Brees Blvd. The Red Cross also provides a small room where the club station (W5SC) is kept.

Although the club has always held the call letters W5SC (previously 5SC), there has not always been a permanent station. The only other previous club station was located at a cleaning and pressing shop at Blanco and Ashby Streets owned by Jimmy Yantis (W5AV). This

was probably in the late 1920's or early 1930's.

At various times the West Gulf Division of the A.R.R.L. has held its annual convention in San Antonio. The San Antonio Radio Club hosted these conventions in 1929, 1934, 1950, and 1957. In 1968, the San Antonio Radio Club was host to the A.R.R.L. National Convention.

Over the years, the club has almost always had a club newsletter. In the 1920's and early 1930's, this took the form of postcards which were sent out to inform the members of club meetings, "Boiled Owl Parties", and other activities. These postcards were called "Sparks". In 1934, a newsletter was started which was called "Gutter Dope". This continued until 1957. From 1958 to about 1969 the newsletter was called "The Exciter." The present publication is called "The Bulletin".

The San Antonio Radio Club has always participated in communications during emergencies and disasters of various sorts. These have included hurricanes, floods, tornados, explosions, earthquakes, etc.

The members keep themselves prepared for such emergency operations by the everyday operation of their own radio equipment, by participating in various nets for the purpose of handling traffic, and by participation in Field Day. Field Day is an annual event sponsored by the A.R.R.L. as a contest using portable equipment and electrical power generated at the site. Operation lasts for 24 hours, along with a lot of partying. For the last few years, it has been held at Northeast Preserve (McAllister Park). Previously, it was held at Woodlawn Lake.

A forerunner to Field Day, in the early days of the club (1920's and 1930's) was the "Boiled Owl Party". These parties were held at remote locations (often at the Scenic Loop Playground near Helotes). Members would get together for a party and would operate their transmitter into the wee hours of the morning, making as many contacts as they could.

At present the club has approximately 273 members. Meetings are held every second and fourth Friday of the month. The club continues to thrive. Many of the members are also active in other radio organizations in San Antonio. These include the Quarter Century Wireless Association, the DX Amigos, the Telephone Pioneers, the San Antonio Repeater Organization, the Texas VHF-FM Society, the Alamo YL's, SMIRK, STARS, Southwest Research Center Amateur Radio Club, and others.

The San Antonio Radio Club continues to be a central organization for hams in San Antonio. The meetings are well-attended with interesting programs. Every year there is a Christmas party attended by several hundred people. Field Day always has a large number of people present, and publicity about this event by the news media makes the public aware of the value of hams to the community. The club has been a valuable asset to San Antonio and the surrounding area since 1919 and will surely be so in the future.



Volunteer Examiners at Work



Pat Knight, AD5BR, Chairperson, Volunteer Examination Committee, and the Volunteer Examiners (VEs) conducted another regularly scheduled test session on June 22, 2019. This session was conducted at the Great Northwest Library. There were a total of 6 successful candidates earning either new or upgraded licenses on June 22, 2019. The breakout was two (2) Technicians and four (4) Generals. Some of these new or upgraded hams then went to the Field Day site at Shavano Park.

Pat AD5BR and the VEs are looking forward to the next regularly scheduled test session which is at 10:00 a. m. on Saturday, August 24, 2019, at the Great Northwest Library. Earn a license or upgrade in the morning and then go to Field Day. There is a \$15 FCC authorized fee.

The General exam question pool changed on July 1, 2019, so if you are studying for General Exam make sure that you are studying the new test question pool. A great study site with flash cards is <https://hamstudy.org>.

SPECIAL ANNOUNCEMENT:

The position of Editor-In-Chief of the Bexar Wire newsletter of the San Antonio Radio Club (SARC) is officially available. This is an appointed position of SARC. Anyone interested in this opportunity should contact Rosendo Guzman, N5YBG, President, SARC, who is the appointing authority for this position. Rosendo, N5YBG, may be contacted by telephone on 210-323-0043 or emailed at rosendo.guzman@gmail.com.

The Editor-In-Chief typically gathers input, often verbally delivered from various officers and committee chairpersons, and then writes it up into stories. The Editor-In-Chief usually attends all meetings and events, takes notes, takes pictures, and writes up stories about them. The President has been very good on submitting his President's Radiogram and General Membership Meeting Minutes on time.

From a skills perspective, the Editor-In-Chief must be assertive in getting information, must be able to write, must be able to take pictures, and must be able to type and use appropriate computer programs (Microsoft Word is currently used.) to put the Bexar Wire newsletter by the Monday before the General Membership Meeting on the second Thursday of the month.

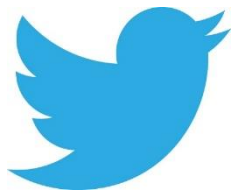


SARC has had a Groups.io. Its name is saradioclub.

The saradioclub Group.io is being used to publicize SARC business meetings. It can be used for other things like promotion of VEC testing and classes. Members of the saradioclub Group.io can and have asked each other technical questions or sought assistance.

The saradioclub Group.io is a closed group. To become a member, go to saradioclub.groups.io. (You may need to have a Groups.io account.) You will then need to select *Apply for membership in this group*. This generates a message. SARC members can expect approval to join the saradioclub Group.io in probably less than 24 hours.

SARC Tweets



Reminder: there are two active Twitter accounts for the San Antonio Radio Club. They are @SARadioClub and @ARadioFiesta.

The @SARadioClub is being used to publicize SARC meetings. It can be used for other things like promotion of VEC testing and classes.

As Radio Fiesta 2017 work has commenced, the @ARadioFiesta is being used again for the January 14, 2017 Radio Fiesta.

SARC members are encouraged to follow both Twitter accounts.

SARC Facebook



There is a San Antonio Radio Club – SARC (@saradioclub) Facebook Page.

The newsletter editor is making posts about SARC meetings and other activities. Any Officer, Committee Chairperson, or member who believes that they have information that should be posted to this page should contact the newsletter editor using the contact information for the newsletter editor on page 2 of this newsletter.

SARC members are encouraged to follow this Facebook Page.

SARC SLACK



There is a San Antonio Radio Club Slack team – w5sc.slack.com.

Slack teams are meant to foster communication between team members. Paul Guido, N5IUT, has established the w5sc.slack.com team for SARC. He has also established some channels. Think of the channels as topical areas.

To join send an email to Paul Guido, N5IUT, at radioteacher@gmail.com. In actuality, any team member already a part of the w5sc.slack.com can invite you, but Paul is known to be on it.

SARC has a website:

w5sc.org

Webmaster: Bill Craft KD2HIQ
Billc851@gmail.com
210-233-8863

Amateur Radio License Classes

Multiple classes planned for 2019.

For more information, contact:
David Finell, N7LRY
Instructor

SARC Meeting Dates for 2019 & Early 2020

July 11, 2019
August 8, 2019
September 12, 2019
October 10, 2019
November 14, 2019
December (None)
January 9, 2020
February 13, 2020
March 12, 2020
April 9, 2020
May 14, 2020
June 11, 2020

Meetings are held at Chester's Hamburg-
ers, 16609 San Pedro Avenue (US281),
San Antonio, TX 7832 at 7:00 p. m.

Come early and eat with other members
coming early.

License Testing Dates for 2019 & Early 2020

August 24, 2019
October 26, 2019
December 28, 2019
January 11, 2020
February 22, 2020
April 25, 2020
June 27, 2020

Times and locations along with required
document information can be found on
SARC's website.

SARC does all of its licensing testing as a
part of ARRL Volunteer Examiner Coordi-
nator (VEC) organization so all of the Vol-
unteer Examiners in SARC are duly author-
ized Volunteer Examiners of ARRL's VEC.

Radio Fiesta 2020

January 11, 2020
Schertz Civic Center
See newsletter article for more information

JOTA

Boy Scout Jamboree On The Air

This year's date is Oct 19-29, 2019.

More information will be available as the
date draws closer.

Emergency Communications

If you are interested in emergency commu-
nications, contact:
JC Smith N5RXS

Field Day 2020

Setup: Friday, June 26, 2020
Operations: Saturday, June 27, 2020
& Sunday, June 28, 2020

*Where SARC proves they are an
eating group with a radio problem.*

More information to follow, but hold these
dates.